

# **CAPITAL CITY HIGH SCHOOL**

*Welcome Class of 2024*



**FRESHMAN ACADEMIC PLANNING GUIDE**

**2020-2021**



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## *The Capital City Counseling Team*

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*Director of Counseling*

Assigned to:

- *Sophomores Students  
Last name H-O*

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## IMPORTANT INFORMATION:

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# Welcome to Capital City High School!

## WHAT'S YOUR PLAN?

The pages in this booklet will be a stepping-stone for you as you enter high school and begin your path towards your future! We will be here to assist you every step of the way, so do not let this seem like an overwhelming leap into adulthood!

The *Programs of Study* will be your roadmap to assist you in your navigation through the maze of decision-making. Your school counselor will work with you to discuss and revise your map each year as you and your parent(s) make decisions regarding your I-CAP (*Individual Career Academic Plan*). It is our desire to assist you in linking what you learn in high school with the skills that are needed to be successful with your post-secondary goals.

There are many opportunities for success in high school. We encourage you to take advantage of opportunities such as Department Awards, Project Lead the Way, and AP/Dual Enrollment courses. All of these opportunities and more are included in this planning guide.

The secret to success in high school is as follows:

- Get involved!
- Attend Regularly!
- Have a plan! (This is your Academic Course Plan)

## Best Wishes for a Wonderful Time in High School!

# STATE OF MISSOURI

## GRADUATION REQUIREMENTS

CURRICULAR AREAS	GRADUATION CREDITS REQUIREMENTS	COLLEGE PREPARATORY REQUIREMENTS
English	4	4
Math	3	4 Required courses: Algebra 1 through Math Analysis/Trig or higher
Social Studies	3	4 Required Courses: Government/AP Govt and Politics/AP Comparative Govt, and US/AP US History and 2 additional
Science	3	4 Required Courses: Physical Science or Principles of Biomedical Science, Biology, Chemistry, and 1 additional
Physical Education	1	1
Fine Arts	1	1
Practical Art	0.5	0.5**
Health	0.5	0.5
Personal Finance <sup>1</sup>	0.5	0.5
Electives <sup>2</sup>	8.5	<b>2 credits in the same World Language</b> in the electives
Total Number of Credits	25	
<sup>1</sup> Can be 0.5 units of Practical Art <sup>2</sup> 2 credits in the same World Language in the elective are usually required for college admission.		Must have a 3.5 GPA. ■ Personal Finance can count as a .50 of the Practical Art requirement. **A Rating of Proficient or Advanced on 2 of 3 of MO Assessment Program tests admin. at the H.S. level

\*All students must pass the MO and US Constitution and the Citizenship exam to graduate. These are taken in Government.

\*All students must pass CPR instruction to graduate.

\*All students must take their required EOC exams. (Alg I, Eng II, Bio, and Govt)

\*All students must take one standardized test. (i.e. – ACT, SAT, ACT Work Keys or ASVAB)

\*Minimum total of 25 credits required to graduate

# **Freshman Course Offerings**

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**BY DEPARTMENTS**

# ENGLISH LANGUAGE ARTS

## ENGLISH I (1111)

Grade 9

Full Year: Credit 1.0

Students in English I will read literature and nonfiction texts throughout the course. In addition, students will have opportunities to practice expository, narrative, and argumentative writing. Grammar and style will be monitored in all writing assignments. Course projects will also integrate speaking and listening opportunities for students. The state has created an optional End-of-Course (EOC) exam for this course which may or maynot be given.

~OR~

## HONORS ENGLISH I (1121)

Grade 9

Full Year: Credit 1.0

Honors English I covers more selections – books and nonfiction – in greater depth than English I classes. Students will also engage in the writing process more frequently to produce narrative, expository, and persuasive writing. To enroll, honors teachers recommend a B+ average in both seventh and eighth grade English and concrete evidence of analytical thinking skills from a writing portfolio. The state has created an optional End-of-Course (EOC) exam for this course which may or may not be given.

# SOCIAL STUDIES

## WORLD HISTORY (2200)

Grade 9

Full Year: Credit 1.0

World History is the study of key events, individuals, and ideas in the development of select cultures and civilizations throughout the history of the world. Economic, geographic, and political themes will be utilized to interpret the impact of the environment on these selected cultures and civilizations. Special attention is given to the positive, lasting contributions of these cultures to our present-day way of life.

~OR~

**\*You can choose the Integrated Course in place of English I & World History\***

## INTEGRATED WORLD HISTORY (1111/2200) Grade 9

Full Year: Credit 2.0

## HONORS INTEGRATED WORLD HISTORY (1121/2200)

(1.0 English I & 1.0 World History)

### **\*INTEGRATED OPTION\* (This course may be taken in place of English I & World History)**

Integrated World History blends English I with World History course content. All of the standards addressed within the standalone English I and World History courses are also taught in Integrated World History. Through team teaching, students will read literature and nonfiction texts while learning about key events, individuals, and ideas in the development of select cultures and civilizations throughout the history of the world. Economic, geographic, and political themes will be utilized to interpret the impact of the environment on these selected cultures and civilizations. In addition, students will have opportunities to engage in narrative, expository, and persuasive writing while learning the lasting contributions of these cultures to our present-day way of life. Relevant small and large group discussions, as well as personal and group presentations will occur at various times throughout the course.

# MATHEMATICS

**ALGEBRA I (3131) ★ EOC EXAM** **Grades 9** **Full Year: Credit 1.0**

Algebra I is a course designed to prepare students for tomorrow’s world by involving them in exploring and discovering math concepts, connecting algebra to the real world and to other subjects and math topics, and by building an understanding of the concepts that provide a strong foundation for future courses and careers. The content emphasizes graphing, solving equations and inequalities, working with radicals, data analysis, probability, and functions through the integration of technology as a problem-solving tool. Algebra I is the foundation for higher mathematics courses. The state required End of Course (EOC) exam is administered upon successful completion of this course.

**GEOMETRY (3141)** **Grades 9-12** **Full Year: Credit 1.0**

◆ **Prerequisite: Successful completion of Algebra IA & IB or Algebra I**

Geometry emphasizes reasoning and logical thinking. This course connects geometry to algebra, data analysis, probability, and trigonometry. Specific topics include transformations, polygons, Cartesian coordinate system, area of plane figures, similarity, right triangle trigonometry, surface area and volume of solids and circles. This is a course for students who expect to continue their study of mathematics in high school, technical school, or college. The state has created an optional End-of-Course (EOC) exam for this course which may or maynot be given.

**ALGEBRA II (3162)** **Grades 9-12** **Full Year: Credit 1.0**

◆ **Prerequisite: Geometry or can be taken concurrently with Geometry**

Algebra II is a course that builds upon skills developed in previous math courses. It is largely a study of functions including polynomial, radical, rational, exponential, logarithmic, cubic, piecewise, step, and absolute value. Other topics include complex numbers, operations with functions, and sequences & series. Intermittent reviews of selected Algebra 1 topics will occur throughout the course. This is a course for students who plan to continue their study of mathematics in high school, technical school, and/or college. The state has created an optional End-of-Course (EOC) exam for this course which may or may not be given.

# SCIENCE

**PHYSICAL SCIENCE (4125)** **Grade 9** **Full Year: Credit 1.0**

Physical Science is an introductory science course. Upon completion, students will have a general understanding of Motion and Stability, Energy, Structure and Properties of Matter, Chemical Reactions, and Earth and the Universe. The state has created an optional End-of-Course (EOC) exam for this course which may or maynot be given.

**-OR-**

**PRINCIPLES OF BIOMEDICAL SCIENCE (9401) Grade 9** **Full Year: Credit 1.0**

*(This course may be taken in place of Physical Science)*

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

## PHYSICAL EDUCATION

<b>GIRLS PHYSICAL EDUCATION (8120)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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Girls Physical Education is a combination of individual and team activities with emphasis on fundamentals, sportsmanship, and active participation. Activities will include but not be limited to basketball, soccer, volleyball, ultimate football, ultimate frisbee, speedball, archery, table tennis, badminton, golf, and pickleball.

<b>BOYS PHYSICAL EDUCATION (8110)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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Boys Physical Education is a combination of individual and team activities with emphasis on fundamentals, sportsmanship, and active participation. Activities will include but not be limited to basketball, soccer, volleyball, ultimate football, ultimate frisbee, speedball, archery, table tennis, badminton, golf, and pickleball.

<b>ATHLETIC ADVANCED STRENGTH TRAINING (8181)</b>	<b>Grades 9-12</b>	<b>Full Year: Credit 1.0</b>
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◆ Students must be a CCHS athlete or have the prerequisites of Body Conditioning I and Body Conditioning II to enroll

Advanced Strength Training is designed for the athlete who wishes to improve their performance through the use of strength training and agilities. Students should expect a demanding routine of daily lifting, flexibility, and conditioning.

<b>BODY CONDITIONING I (Co-ed) (8130)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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Body Conditioning I consists of using weight lifting equipment, improving flexibility, performing agility exercises and aerobic conditioning. Students will learn the fundamentals of weight lifting, flexibility, and improving body strength. Students will be taught and practice safe lifting techniques. Each student will develop fitness goals and individual workouts. They will learn about safety in spotting and breathing mechanics.

## HEALTH

<b>HEALTH (8210)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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Health students will gain knowledge to make healthy decisions regarding their personal health and wellness that confronts society today. Instruction includes life management skills, disease prevention and control, mental health, sex education, Tobacco, Alcohol and Other Drugs (TAOD), nutrition, physical fitness, and health related careers. This would fulfill the 0.5 credit of health required to graduate.

<b>ATHLETIC TRAINING &amp; NUTRITION (8211)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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◆ Prerequisites: Successful completion of health, current involvement in CCHS athletic program, or be physically involved in an activity outside of school

Athletic Training and Nutrition helps physically active students gain the awareness and knowledge of how nutrition, biomechanics, and psychology impact their performance. This will help them to make decisions that will enhance their performance and health. Instruction includes sports nutrition, sports medicine, sports psychology, biomechanics, and its effect on performance, and the prevention of injury and unhealthy habits that might occur during the training process.

## STUDY SKILLS ELECTIVE

<b>CAVALIER TIME (5585)</b>	<b>Grades 9</b>	<b>Full Year: Credit 1.0</b>
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Cavalier Time provides students with a structural, scheduled academic environment providing the opportunity to complete assignments and to access school resources. Students are assigned to an instructor for the class period and required to adhere to behavioral and academic expectations in order to earn credit



# CORE ELECTIVES

## ENGLISH LANGUAGE ARTS:

### **JOURNALISTIC WRITING (1303)**

**Grades 9-12**

**Semester: Credit 0.5**

Journalistic Writing is designed for students with an interest in journalism and those who intend to take Newspaper Production or Yearbook Production. This course provides instruction in news, feature, sports, in-depth, and opinion writing; ethics and media law; interviewing; researching and page design. There will also be opportunities for learning photography and advertising.

### **SPEECH I (5550)**

**Grades 9-12**

**Semester: Credit 0.5**

Speech I is concerned with the fundamentals of communication. It is a public-speaking course designed around the idea that we learn to speak by speaking. It contains a balance of both theory and practice. Speeches are given to peers that have been researched and rehearsed. Students will regularly stand in front of peers and deliver speeches. This is a performance-based class where grades are determined from performances.

### **DEBATE I (5552)**

**Grades 9-12**

**Semester: Credit 0.5**

#### ◆ **Prerequisite: Speech I**

Debate I is a course designed to develop student's beginning awareness, understanding, and application of language arts as it applies to oral communication. Emphasis is focused on teaching students the proper procedures of debate and the artful crafting of argumentation. Students will be expected to design and construct well-informed arguments around topics of current significance.

## SOCIAL STUDIES:

### **AMERICAN WEST (2408)**

**Grades 9-12**

**Semester: Credit 0.5**

American West will examine and capture all the grandeur of the West and all of the energy of its people. It is a course that probes the conflicting visions and competing values that made an American nation on this vast land. It will cover the time of the 19<sup>th</sup> century from the opening of the west with the Lewis and Clark expedition to the closing of the frontier in 1890. Areas studied will be Lewis and Clark, the Spanish influence, Native American, Trails West, Gold Rush, Railroads, Cowboys, Indian Wars, Immigration, and the closing of the frontier.

### **AMERICAN CIVIL WAR (2400)**

**Grades 9-12**

**Semester: Credit 0.5**

American Civil War examines the causes, major events, and short/long term economic, social, and political consequences of the War Between the States. The views of numerous historians since 1865 will be consulted to assist students in developing a better perspective with regards to the lasting cultural impact these crucial years have had on the United States.

### **REVOLUTION AND WAR (2403)**

**Grades 9-12**

**Semester: Credit 0.5**

Revolution and War will focus on all things military, to possible include but not be limited to, the American Revolution, French Revolution, Russian Revolution, World War I, World War II, Korean War, Vietnam War, 1991 Gulf War, Operation Iraqi Freedom, Operation Enduring Freedom, and other current conflicts. Students will investigate the causes of war and revolution. Students will look at why and how these events have impacted the world. **NCAA approved course.**

### **GEOGRAPHY OF ASIA, AFRICA & AUSTRALIA (2410)**

**Grades 9-12**

**Semester: Credit 0.5**

Geography of Asia, Africa & Australia focuses students' attention on the cultures of the eastern hemisphere outside the European continent. Students will learn about the physical, political, cultural and historical developments of countries within each region studied.

### **GEOGRAPHY OF NORTH & SOUTH AMERICA (2411)**

**Grades 9-12**

**Semester: Credit 0.5**

Geography of North & South America is a study of the cultural regions of North and South America. In each region, special attention is given to historical background, climate, topography, natural resources, economic development, cultural influences, and standards of living.

# WORLD LANGUAGES

<b>LATIN I (5312)</b>	<b>Grades 9-12</b>	<b>Full Year: Credit 1.0</b>
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Latin I offers the serious student the ability to read, translate, and write fundamental Latin. The learning of classical grammar and vocabulary greatly increases the student's English vocabulary and reading skill and enhances the subsequent learning of other languages. Graeco-Roman contributions to art, literature, history, and religion are explored. **NCAA approved course.**

<b>FRENCH I (5112)</b>	<b>Grades 9-12</b>	<b>Full Year: Credit 1.0</b>
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French I introduces students to the French language and the cultures of the people who speak it. The primary focus of this class is acquiring the tools for total communication - listening, speaking, reading, and writing. Correct pronunciation is stressed with a study of the spelling patterns governing this. Students are encouraged to use the skills learned through classroom and individual activities. **NCAA approved course.**

<b>SPANISH I (5410)</b>	<b>Grades 9-12</b>	<b>Full Year: Credit 1.0</b>
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Spanish I exposes students to Spanish from the first day they enter the class. The skills of listening, speaking, reading, and writing Spanish are emphasized along with correct, precise pronunciation on the basic level. Cultural items related to literature, history, and art of the Spanish-speaking world form a part of the course to reinforce communicative tasks and to promote cultural awareness. **Native speakers can advance without mandatory prerequisite with department approval. NCAA approved course.**

<b>GERMAN I (5212)</b>	<b>Grades 9-12</b>	<b>Full Year: Credit 1.0</b>
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German I is an introduction to the use of contemporary everyday German. Students learn to read, write, listen to and speak contemporary everyday German. The focus is on the vocabulary, basic grammatical patterns and functional language necessary to accomplish various language tasks in German. **NCAA approved course.**

## DRIVERS EDUCATION **\*MUST BE 15 YEARS OLD TO TAKE CLASS\***

<b>DRIVERS EDUCATION (7401 &amp; 7403)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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◆ **Prerequisite: State law requires that the student have reached the age of 15 (or older) at the time, class begins**

Driver's Education is designed to give the student experience and instruction in the classroom, on the closed course driving range, and on the streets in and around Jefferson City.

## FINE ARTS

### VISUAL ARTS:

<b>INTRODUCTION TO ART (6109)</b>	<b>Grades 9-12</b>	<b>Full Year: Credit 1.0</b>
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Introduction to Art is a course that introduces the basic fundamentals of art. Emphasis is on the basics necessary for success with two-dimensional and three-dimensional art skills. Units will be based on the elements of art.

Independent problem solving skills, and basic reading and writing skills are necessary for success in this course.

<b>PRINTMAKING (6114)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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Printmaking is an introduction to the basic types of printmaking. Emphasis is on the basic elements of art and how they relate to relief printing and screen-printing. Printmaking involved a study of the main areas of printing by hand. Projects are completed using a variety of techniques: drawing, carving, inking, printing, and creating stencils for screen printing. This class will introduce well-known printmakers and explore their techniques as well as a brief history of printmaking.

<b>INTRODUCTION TO PHOTOGRAPHY (7229)</b>	<b>Grades 9-12</b>	<b>Semester: Credit 0.5</b>
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Introduction to Photography students will study the creative art processes of photography with information about the history, aesthetics, and criticism of the photographic media. Students will explore photographic approaches, photographers, and techniques of digital photography including creative experimentation with photo editing and digital enhancement of photographs. Students will also develop an appreciation of contemporary uses of photography. Students will produce a portfolio of their work to include daily assignments, formal reports, special projects, and their top photos taken during the course based on the composition principles learned.

# FINE ARTS

## THREE-DIMENSIONAL ART (6118)

Grades 9–12

Semester: Credit 0.5

Three-Dimensional Art is a course to introduce the methods and materials used to create sculptures and three dimensional art pieces. Projects/units may include the following materials and the methods needed to successfully complete those projects: paper building, basket weaving, wood assemblage, mobiles, paper mache, and other non- conventional objects used to create sculptures. This class will introduce well-known sculpture artists and explore their techniques as well as cover a brief history of sculpture.

## MUSIC:

## HISTORY OF JAZZ, POP & ROCK (6211)

Grades 9-12

Semester: Credit 0.5

This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of musical forms through to contemporary pieces from around the early 1920 to current music. We will visit a variety of genres including: jazz, blues, gospel, soul, Motown, folk, bluegrass, country, the evolution of rock and roll and many more.

## MUSIC APPRECIATION (6410)

Grades 9-12

Semester: Credit 0.5

Music Appreciation is a non-auditioned and non-performance class for students. The purpose of the class is to provide an overview of music without the responsibility of singing/performing. Music Appreciation allows students to explore cultural and historical elements of music. Students will be introduced to a variety of musical skills for performance and critical listening. This course gives non-performance oriented students the opportunity to receive a fine arts credit through the Vocal Music program.

## PERFORMING ARTS:

## DRAMA I (6310)

Grades 9-12

Semester: Credit 0.5

Drama I is an introductory performance course. Students will develop basic theatrical skills and will study the historical background of theater. Performances will include: pantomime, improvisation, monologues, and duet/triple/quad acting scenes. Since memorization is the foundation of drama; all performances will be memorized.

## DRAMA II (6320)

Grades 9-12

Semester: Credit 0.5

### ◆ Prerequisite: Drama I

Drama II, a fast-paced performance course, relies upon mastery of vocal, analytical, and movement techniques. Focus is on the student's area of interest whether it is acting, directing, or designing. A variety of performances are included: monologues, duets, musical pantomimes and classical script analysis. Students will write and perform original scripts and will perform published selections. Course work involves self-awareness, character alignment, and text analysis, as well as in-depth characterization activities. Performance is the focus with an emphasis on analysis.

## COMPETITIVE SPEAKING & INTERPRETATION (6330)

Grades 9-12

Full Year: Credit 1.0

Competitive Speaking and Interpretation is a general study of the techniques of interscholastic forensics and individual events. Students explore a variety of performance styles such as humorous and dramatic interpretation, duo interpretation, poetry, prose, storytelling, original oratory, informative, and extemporaneous speaking. **Participation in the interscholastic Debate/Forensics program is a requirement and serves as the only prerequisite to taking this course.** The course may be replaced for additional credit. Students in their first two years are required to take this course, but may take it beyond the two years for specialized training if their schedule permits. **SPECIAL NOTE: This requirement may be waived by the instructor under special circumstances.**

As part of this class, students will participate in Missouri State High School Activities competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JC Schools Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschooteams.com>.

# FINE ARTS

## PERFORMING ARTS:

### **CONCERT CHOIR (6440)**

**Grades 9-12**

**Full Year: Credit 1.0**

Concert Choir is a performance-based choral ensemble for 9th-12th grade students. Concert Choir explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. This ensemble performs numerous times throughout the school year for both school and community. Certain performances are required, and grades are directly affected by participation in these required performances.

As part of this class, students will participate in Missouri State High School Activities (MSHSAA) competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JCSD Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschoorteams.com>.

### **CHORALE (6450)**

**Grades 10-12**

**Full Year: Credit 1.0**

◆ **Prerequisite: Audition in the spring of the previous school year**

Chorale is an upper-level performance opportunity offered to experienced 10th-12th grade students who are accomplished in vocal performance. This class is designed to be the advanced placement class for the Vocal Music Program. Chorale explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. This ensemble performs numerous times throughout the school year for both school and community. Certain performances are required, and grades are directly affected by participation in these required performances.

As part of this class, students will participate in Missouri State High School Activities (MSHSAA) competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JCSD Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschoorteams.com>.

### **JAZZ BAND (6514)**

**Grades 9-12**

**Full Year: Credit 1.0**

Jazz Band offers another performance outlet for our instrumental students. The program is comprised of two groups. There is the auditioned group, which is Jazz I and the volunteer group, which is Jazz II. Both courses are open to students that are enrolled in the instrumental program (band/orchestra). Jazz I will hold auditions in October every year, for that school year. Jazz begins in October and ends in March. Jazz I meets after school M, W and TH. Jazz II meets during zero block on M, W, and F.

### **CONCERT BAND (6511)**

**Grades 9-12**

**Credit Varies: 0.5 to 1.0**

Concert Band is a performance based instrumental class for students, 9-12. All members of the Concert Band are not required, but are highly encouraged to begin or continue private study outside of the school setting. Students from this ensemble will have the opportunity to audition for the Symphonic Band upon completion of this class. All members of Symphonic and Concert Bands are required to march unless they are a fall athlete or have a medical excuse. **It is also possible to do both Marching Band and Athletics at the same time.**

As part of this class, students will participate in Missouri State High School Activities competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JC Schools Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschoorteams.com>.

### **SYMPHONIC BAND (6512)**

**Grades 9-12**

**Semester: Credit 0.5**

Symphonic Band is a performance based instrumental ensemble designed for advanced placement. Admission into the class is by blind audition in the spring and will utilize the MMEA/MBA All-State Audition cycle for the upcoming school year. A balanced instrumentation is necessary for the group; therefore selection is based off of a blind audition, dependability, desire to perform at a high level and academic standing. All members of the Symphonic Band are not required, but are highly encouraged to begin or continue private study on the outside. All members of the Symphonic and Concert Bands are required to march unless they are a fall athlete or have a medical excuse. **NOTE: It is possible to do both marching band and athletics at the same time.**

As part of this class, students will participate in Missouri State High School Activities competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JC Schools Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschoorteams.com>.

# FINE ARTS

## PERFORMING ARTS:

MARCHING BAND (6531)	Grades 9-12	Semester: Credit 0.5
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Marching Jay Band is a competitive group. All band students are expected to participate in the class, beginning their freshmen year, unless they are a fall athlete or have a physical disability which would prohibit their participation. June music camp and July/August marching camp, as well as school rehearsals and performances, are required. **It is possible to do both marching band and athletics at the same time.**

As part of this class, students will participate in Missouri State High School Activities competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JC Schools Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschooteams.com>.

CONCERT ORCHESTRA (6521)	Grade 9-12	Full Year: Credit 1.0
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◆**Prerequisite: Students must have earned a passing grade in orchestra the previous year**

Concert Orchestra will continue to develop and enhance the student's technical skills and musical concepts through intermediate to advanced music literature selected from a variety of periods. Certain performances are required. In performance classes, grades will be directly affected by participation in required concerts and other activities.

As part of this class, students will participate in Missouri State High School Activities competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JC Schools Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschooteams.com>.

SYMPHONIC ORCHESTRA (6523)	Grade 10-12	Full Year: Credit 1.0
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◆**Prerequisite: Auditions in the spring of the previous year**

Symphonic Orchestra will develop advanced technical and interpretive skills, playing music with a variety of key signature, unusual meters, complex rhythms and subtle dynamics through advanced music literature selected from a variety of musical periods. Entrance to the class is by audition only as well as the requirement for a balanced ensemble. Certain performances are required. In performance classes, grades will be directly affected by participation in required concerts and other activities.

As part of this class, students will participate in Missouri State High School Activities competitions. Students that participate in MSHSAA Activities are subject to drug testing per our JC Schools Drug Testing Policy. The policy can be viewed at <https://capitalcity.rschooteams.com>.

# PRACTICAL ARTS

## AGRICULTURE SCIENCE:

INTRODUCTION TO AGRICULTURE (9932)	Grades 9-11	Full Year: Credit 1.0
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This class serves to introduce students to the agriculture industry. It includes units related to: animal science, agricultural system management, industrial technology, food science, and conservation and natural resources. It will also include leadership, science applications and career exploration. Students' participation in this course will experience exciting "hands-on" activities, projects and problems. Students experiences will involve the study of communication, the science of agriculture, animals, natural resources, food science, and agricultural mechanics. While surveying the opportunities available in Ag and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams and take responsibility for their work, actions and learning.

## FAMILY & CONSUMER SCIENCE:

FOODS & NUTRITION I (7320)	Grades 9-12	Semester: Credit 0.5
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Foods and Nutrition I is an introductory course in foods that includes the study of nutrition, basic terminology and equipment, the principles of cookery, and the skills involved in cooking through laboratory experience. Emphasis is given to the study of fruits, vegetables, grains, quick breads, protein foods and meal planning for a healthy diet.

# PRACTICAL ARTS

## FAMILY & CONSUMER SCIENCE:

### **TEXTILES FOR LIVING I (7350)**

**Grades 9-12**

**Semester: Credit 0.5**

Textiles for Living I covers basic skills needed in sewing and clothing care. Attention will be given to working with fabrics, the use of equipment, patterns, sewing machines, and basic hand sewing. At least four projects will be completed and students will learn the elements of design, fibers, and basic clothing functions. This course is recommended for all students considering a career in Fashion Merchandising, Fashion Design, retail clothing sales or any other clothing-related field. **There is a cost to the student for taking this course - this cost includes sewing supplies, patterns, fabric, and notions.**

### **CHILD DEVELOPMENT (7331)**

**Grades 9-12**

**Semester: Credit 0.5**

Child Development is the study of the development of children. Areas of study will include prenatal care and nutrition, birth, birth defects, developmental stages and care of the young child. Infant simulators will be utilized.

### **INTERIOR DESIGN & DECORATING (7370)**

**Grades 9-12**

**Semester: Credit 0.5**

Interior Design and Decorating teaches the relationship of art principles to the design of the home and its furnishings. Attention will be given to architectural styles and furniture styles as well as physical, psychological and social influences on housing needs and choices. The study will be reinforced by practical projects and learning activities. This course is recommended for all students who will someday own, rent, or be responsible for a house or apartment. It is especially recommended for the student considering a career in housing, architecture, real estate or interior design.

### **INTRODUCTION TO FASHION MERCHANDISING (7352)**

**Grades 9-12**

**Semester: Credit 0.5**

Introduction to Fashion Merchandising explores how fashion influences everyday life and introduces students to the fashion industry. Topics to be covered will include: fundamentals of fashion, marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, fashion promotion and fashion careers.

## BUSINESS EDUCATION:

### **CAREER CONNECTIONS (7250)**

**Grades 9-12**

**Semester: Credit 0.5**

Career Connections students will create an individual career profile through the scoring of various inventories. Topics covered include self-esteem, goal setting, conflict resolution, sexual harassment, substance abuse, ethics, diversity, and the job search process. Various textbooks, current articles, career videos, guest presenters, online career information, and other creative means will be used to help students search for the most satisfying career for their basic personality type.

### **WEB DESIGN I (7225)**

**Grades 9-12**

**Semester: Credit 0.5**

#### **◆ Prerequisite: Computer Applications or Desktop Publishing**

Web Design I is a project-based course designed to teach skills and concepts needed to create and edit web pages. Adobe Photoshop and Dreamweaver software is utilized to integrate text and graphic images into an independent cumulative website project. Students will learn HTML code, and are expected to independently utilize problem-solving skills to troubleshoot during the web design process. It is recommended that a student have a C or higher in the following prerequisite classes.

### **COMPUTER APPLICATIONS (7221)**

**Grades 9-12**

**Semester: Credit 0.5**

Computer Applications students will utilize word processing and spreadsheet programs to demonstrate content knowledge and depth of understanding. This course is designed to provide students learning opportunities to explore and discover the features in both programs. Utilizing features of word processing, students will demonstrate the ability to insert and format text, create tables and develop documents through mail merge. Students will use spreadsheet programs to incorporate basic formulas and advanced functions as well as creating multiple chart types. Images will be inserted and formatted on a variety of work ranging from company logos to clip art graphics.

### **DESKTOP PUBLISHING (7224)**

**Grades 9-12**

**Semester: Credit 0.5**

Desktop Publishing utilizes Adobe InDesign, one of the most widely applied desktop publishing software applications in business today. The class will concentrate on writing, editing, and designing professional quality publications. Students will create a portfolio that will integrate text, photos and graphics to create business cards, letterheads, flyers, advertisements, brochures, newsletters, and other personal and business documents. The Windows operating system is utilized, along with Adobe Photoshop for photo and graphics editing, and Microsoft Word for word processing. Digital cameras and a flatbed scanner are available for use for image and photo integration with projects.

# PRACTICAL ARTS

## **INTRODUCTION TO BUSINESS (7249)**

**Grades 9-12**

**Semester: Credit 0.5**

Introduction to Business is a course designed to introduce students to the concepts of business and leadership to help prepare them for their roles as employees, employers, citizens and leaders within their community while thinking like an entrepreneur. Students will look into business structures and how business impacts the economy in both profit and non-profit organizations. Students will also be given the opportunity to unlock their leadership potential through the development of essential skills necessary for effective leadership.

# INDUSTRIAL TECHNOLOGY

## **ELECTRICITY (7140)**

**Grades 9-12**

**Semester: Credit 0.5**

Electricity provides the student with the opportunity to study the fundamentals of electricity and electronics. Areas covered include: basic electrical circuits, basic electrical/electronic theory, symbols, basic programming and terminology. Residential house wiring is also studied. Students will develop fundamental electrical skills after completing classroom instruction, which may lead to future careers in this field.

## **METALS TECHNOLOGY I (7150)**

**Grades 9-12**

**Semester: Credit 0.5**

Metals Technology I is designed to introduce students to the fundamentals of working safely and efficiently with both hand and power metal working tools. These topics and additional topics to include problem solving, project design and planning, general hand tool and machine safety, welding, and finishing. Students will construct core projects designed to develop fundamental metalworking skills after completing classroom instruction. ALL students will be expected to reimburse the school for expendable materials used. Each student will be required to furnish and wear safety glasses during laboratory work.

## **WOODWORKING I (7160)**

**Grades 9-12**

**Semester: Credit 0.5**

Woodworking 1 is designed to introduce students to the fundamentals of working safely and efficiently with both hand and power woodworking tools. These topics and additional topics to include problem solving, project design and planning, general hand tool and machine safety, and sanding/finishing techniques. Students will construct core projects designed to develop fundamental woodworking skills after completing classroom instruction. All students will be expected to reimburse the school for expendable materials used. Each student will be required to furnish and wear safety glasses during laboratory work.

# PROJECT LEAD THE WAY: ENGINEERING

## **INTRODUCTION TO ENGINEERING DESIGN (7240)**

**Grades 9-12**

**Full Year: Credit 1.0**

This PLTW introductory course to engineering is designed for 9th or 10th grade students; the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

# ENGLISH SPEAKERS OF OTHER LANGAUGES

## **ENGLISH SPEAKERS OF OTHER LANGUAGES I (100)**

**Grades 9-12**

**Full Year: Credit 1.0**

## **ENGLISH SPEAKERS OF OTHER LANGUAGES II (106)**

## **ENGLISH SPEAKERS OF OTHER LANGUAGES III (108)**

The goal of the ESL program is to enable ESL students to become communicative, production participants in the English speaking community and to prepare them to meet the academic needs of the mainstream. This goal is accomplished by implementing and integrated content-based curriculum that focuses on the strategies, vocabulary and concepts used in all mainstream courses. These mainstream skills are taught through special ESL techniques and methods that emphasize reading, writing, listening, and speaking.